

ABSTRACT

A system that provides a means for blind or visually impaired people to navigate through a complex environment using auditory cues. Two-way transceiver devices, held by the person, connect through a communications network to a computer system. The computer system activates appropriate auditory signals that are output from audio beacons located throughout the environment based on input provided through the transceiver. Additional interactivity can be incorporated into the system by means of the computer system.